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(FILE 'USPAT' ENTERED AT 15:32:21 ON 11 SEP 1997)
L1 23 S BONE MARROW (P) (NEGATIVE PRESSURE OR VACUUM)

=> d 1-23

1. 5,652,138, Jul. 29, 1997, Human neutralizing monoclonal antibodies to human immunodeficiency virus; Dennis R. Burton, et al., 435/252.33; 424/142.1, 148.1, 160.1; 435/69.6, 172.3, 320.1; 530/388.15, 388.35, 389.4 :IMAGE AVAILABLE:

2. 5,616,491, Apr. 1, 1997, Knockout mice; Tak W. Mak, et al., 435/354, 172.3, 320.1, 355; 536/23.1; 800/2, DIG.1; 935/22, 70 :IMAGE AVAILABLE:

3. 5,614,376, Mar. 25, 1997, Method for facilitating tissue slide preparation; Dianne M. Copley, et al., 435/30, 1.1, 40.52; 436/63 :IMAGE AVAILABLE:

4. 5,557,032, Sep. 17, 1996, Knockout mice; Tak W. Mak, 800/2; 424/9.2; 435/172.3, 320.1; 800/DIG.1, DIG.4; 935/11, 70 :IMAGE AVAILABLE:

5. 5,556,379, Sep. 17, 1996, Process for cleaning large bone grafts and bone grafts produced thereby; Lloyd Wolfinbarger, 604/49; 128/898; 623/16 :IMAGE AVAILABLE:

6. 5,507,749, Apr. 16, 1996, Sealing device for the medullary cavity; Klaus Draenert, 606/94, 92 :IMAGE AVAILABLE:

7. 5,456,267, Oct. 10, 1995, Bone marrow harvesting systems and methods and bone biopsy systems and methods; John G. Stark, 128/898; 606/65 :IMAGE AVAILABLE:

8. 5,453,049, Sep. 26, 1995, Corner air filtration unit; Bernard W. Tillman, Jr., et al., 454/228; 55/279, 385.2, 467, 471; 422/24, 121; 454/230, 231, 234, 341 :IMAGE AVAILABLE:

B sum 4
9. 5,357,974, Oct. 25, 1994, Bone marrow biopsy instrument; Danny J. Baldridge, 128/754 :IMAGE AVAILABLE:

10. 5,192,282, Mar. 9, 1993, Suction drainage-bone screw; Klaus Draenert, 606/65, 92 :IMAGE AVAILABLE:

11. 5,047,030, Sep. 10, 1991, Suction drainage-bone screw; Klaus Draenert, 606/65, 73 :IMAGE AVAILABLE:

B sum 4
12. 5,012,818, May 7, 1991, Two in one bone marrow surgical needle; Suresh K. Joishy, 128/754; 604/44 :IMAGE AVAILABLE:

13. 4,808,611, Feb. 28, 1989, Use of interleukin-1 to induce development of multipotent hemopoietic cell populations; David J. Cosman, 514/12; 424/85.1, 85.2; 514/21; 530/351 :IMAGE AVAILABLE:

Abstract
14. 4,747,414, May 31, 1988, Instrument for bone marrow puncture; Remy Brossel, 128/754, 763; 604/87, 157; 606/182 :IMAGE AVAILABLE:

Det 16
15. 4,664,128, May 12, 1987, Single-hand controlled aspiration device; Peter F. Lee, 128/753, 763; 401/176; 604/187, 227 :IMAGE AVAILABLE:

3 sum 11
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16. 4,486,188; Dec. 4, 1984, Bone marrow transplant method and apparatus; John H. Altshuler, et al., 604/4, 7, 38 :IMAGE AVAILABLE:

17. 4,481,946, Nov. 13, 1984, Bone marrow transplant method and apparatus; John H. Altshuler, et al., 604/4, 28, 44 :IMAGE AVAILABLE:

18. 4,411,138, Oct. 25, 1983, Neck tube closure assembly for cryogenic containers; Douglas R. Leithauser, et al., 62/48.1; 220/901 :IMAGE AVAILABLE:

19. 4,366,822, Jan. 4, 1983, Method and apparatus for bone marrow cell separation and analysis; John H. Altshuler, 128/753, 765 :IMAGE AVAILABLE:

20. 4,342,828, Aug. 3, 1982, Method for producing substance capable of stimulating differentiation and proliferation of human granulopoietic stem cells; Fumimaro Takaku, et al., 435/41; 424/115, 545; 435/70.4; 530/351 :IMAGE AVAILABLE:

21. 4,258,722, Mar. 31, 1981, Disposable biopsy needle, particularly for bone marrow samplings; Robert W. Sessions, et al., 128/753 :IMAGE AVAILABLE:

22. 4,207,689, Jun. 17, 1980, Preservation of animal specimens; Cesar Romera-Sierra, et al., 434/295 :IMAGE AVAILABLE:

23. 4,136,170, Jan. 23, 1979, Method of extracting a hyperglycemic factor; Andre Thomas, 424/577 :IMAGE AVAILABLE:

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L1 23 S BONE MARROW (P) (NEGATIVE PRESSURE OR VACUUM)
L2 8 S L1 AND CLEAN###
L3 2 S BONE MARROW (P) (NEGATIVE PRESSURE OR VACUUM) (P) (CLEAN

L4 224 S BONE MARROW (P) (CLEAN### OR SOLUB?)
L5 26 S BONE MARROW (4A) (CLEAN### OR SOLUB?)
L6 3 S L1 AND L5

L13 3 S WOLFINBARGER, L?/IN
 L14 1 S 5192282/PN
 L15 1 S 5454815/PN
 L16 362 S BONE GRAFT
 L17 1 S (VACUUM (P) (BONE (2A) GRAFT###)) - *Invents - S*
 L18 0 S ((NEGATIVE (2A) PRESSURE) (P) (BONE (2A) GRAFT###))
 L19 9 S ((SUCTION OR IRRIGAT###) (P) (BONE (2A) GRAFT###))

29 619 and marrow
 => d 119 1-9

1. 5,591,232, Jan. 7, 1997, Surgical method for rejuvenating body members or for reshaping body members or for rejuvenating and reshaping body members by bone grafting; Houching Rahimi, et al., 623/16; 128/898; 606/86, 94; 623/11 :IMAGE AVAILABLE:

→ 2. 5,569,248, Oct. 29, 1996, Apparatus for subcutaneous suprafascial pedicular internal fixation; Hallett H. Mathews, 606/61, 73; 623/17 :IMAGE AVAILABLE:

3. 5,496,322, Mar. 5, 1996, Method for subcutaneous suprafascial pedicular internal fixation; Hallett H. Mathews, 606/61; 623/17 :IMAGE AVAILABLE:

4. 5,403,834, Apr. 4, 1995, Synthetic catalytic free radical scavengers useful as antioxidants for prevention and therapy of disease; Bernard Malfroy-Camine, et al., 514/185 :IMAGE AVAILABLE:

5. 5,357,983, Oct. 25, 1994, Method for subcutaneous suprafascial pedicular internal fixation; Hallett H. Mathews, 128/898, 897; 623/17, 66 :IMAGE AVAILABLE:

6. 5,171,279, Dec. 15, 1992, Method for subcutaneous suprafascial pedicular internal fixation; Hallett H. Mathews, 623/17; 606/61 :IMAGE AVAILABLE:

✓ 7. 5,156,839, Oct. 20, 1992, Viscoelastic fluid for use in spine and general surgery and other surgery and therapies and method of using same; Phillip E. Pennell, et al., 424/78.37; 514/57, 781 :IMAGE AVAILABLE:

8. 4,881,525, Nov. 21, 1989, Cervical fusion retractor; Richard C. Williams, 600/219, 217, 234; 623/17 :IMAGE AVAILABLE:

→ 9. 4,801,263, Jan. 31, 1989, Osseous implant syringe; William C. Clark, 433/90; 604/60, 218, 241 :IMAGE AVAILABLE:

As sum (4)